GM-GV3 mobileCam & Viewer Software

User Guide

Table of Contents

Chapter 1   GM-GV3 mobileCam Overview

Chapter 2   Install the Program & Setup the mobileCam.

Chapter 3   mobileCamViewer Overview

Chapter 4.   Account Maintenance

Chapter 5   Setup GM-GV3 with USB connection

Chapter 6   GM-GV3 mobileCam Specification

Chapter 1　mobileCam Overview

1.1 Package Contents

GM-GV3　　　Battery Pack　　　Antenna　　　Micro SD　　　CD Software

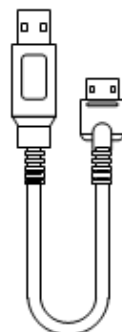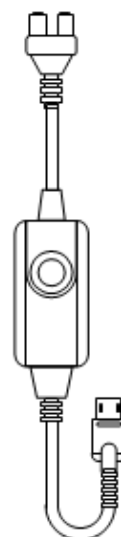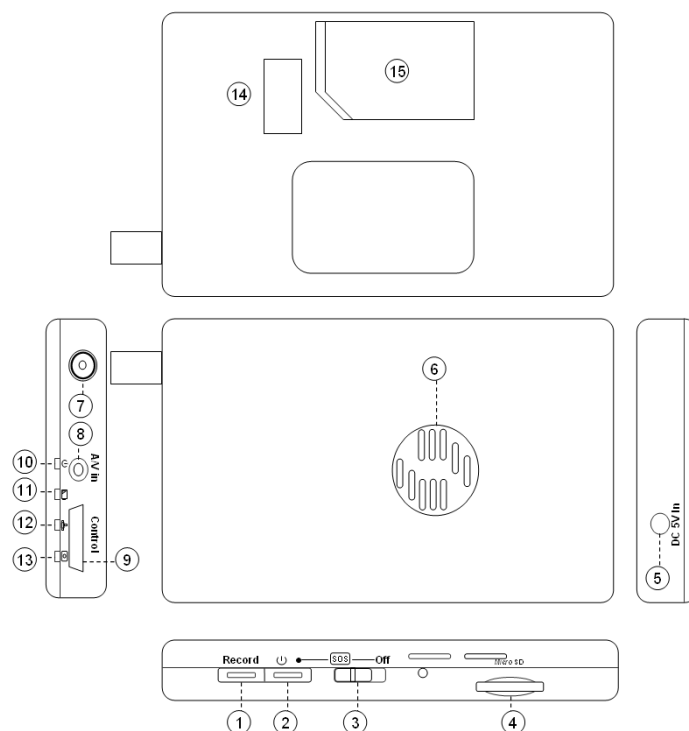Earphone　　　Adaptor　　　USB　　　Remote & GPS

1.2 GM-GV3 Overview

1. **Record Key :**

2. **Power Key :**   **Power on/off -** Press over 3 second.

                          SOS emergency - Press less 3 second.

3. **SOS on/off:**   SOS emergency function on/off

4. **Micro SD slot**

5. **DC +5V input**

6. **Fan**

7. **Antenna**

8. **Video & Audio input**

9. **Control Port :**   Remote and GPS connection./ USB connection

10. **Power LED :**   **Blink -** power on boot procedure.

                       On - Power on and operation.

11. **Battery Status LED :**   **On -** Charging.

                       Off - Normal

                       Blink - Low battery.

12. **Network Link Status LED.**   **On –** SIM missing or error.

                       Off – dial up.

                       Blink – Link.

13. **Record LED :**   **On -** SD error.

                       Blink - Recording

14. **Battery Connector**
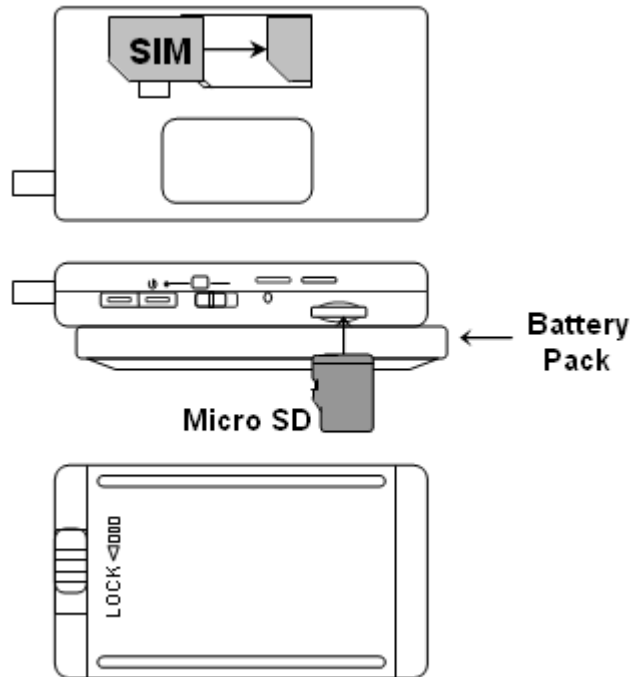
15. **SIM Card Slot**

1.3 mobileCam connection diagram
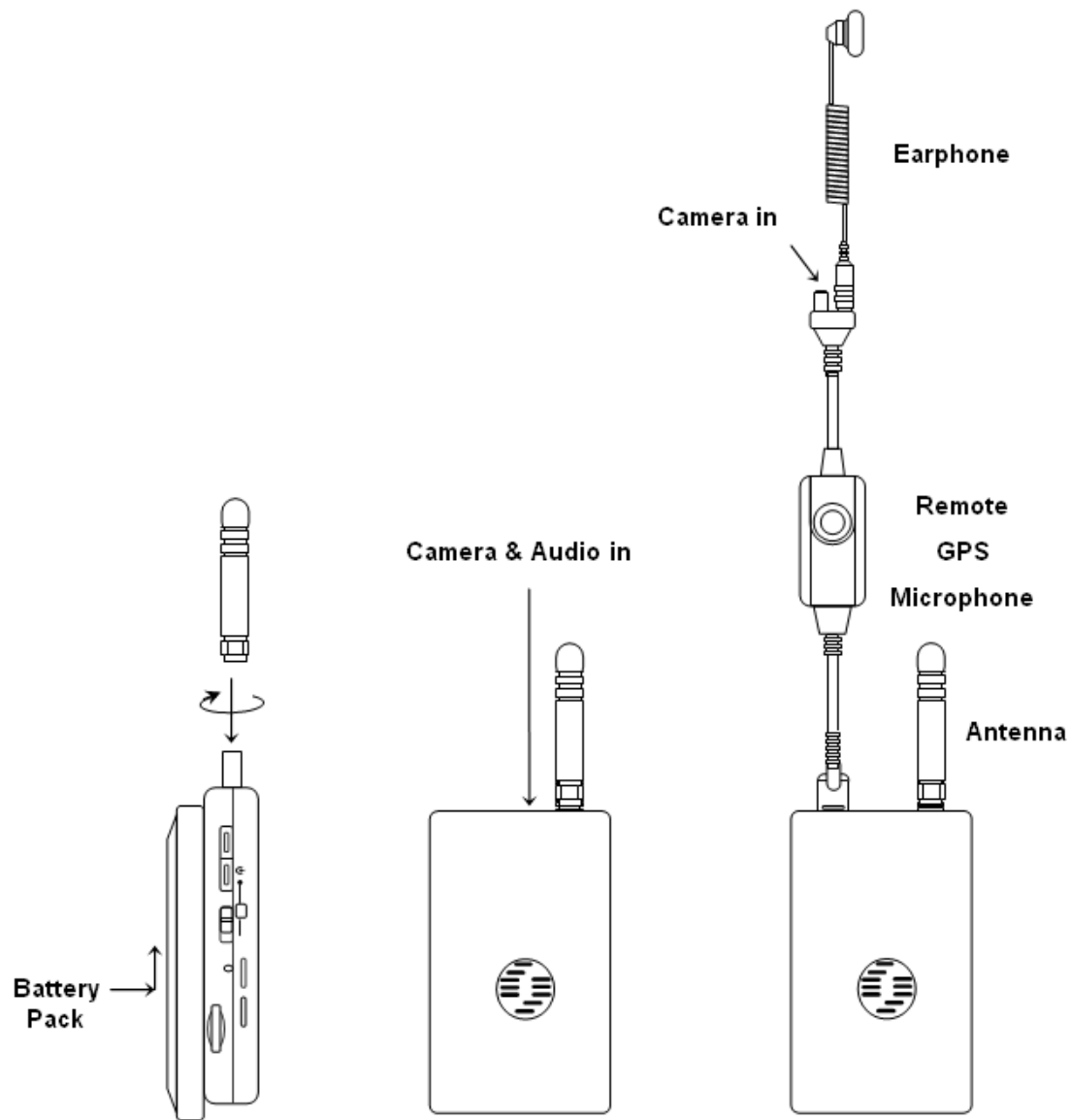
Chapter 2   Install the Program & Setup the mobileCam.

2.1 Step 1. Connect the mobileCam to PC with USB cable.
★ Insert the SIM card and Micro SD card properly.
★ Slide the battery pack to right position then lock the battery.

★ Plug the antenna and connect **GM-GV3** to PC with USB cable then power on the mobileCam. If battery is low. Use the AC adaptor for power. supply.
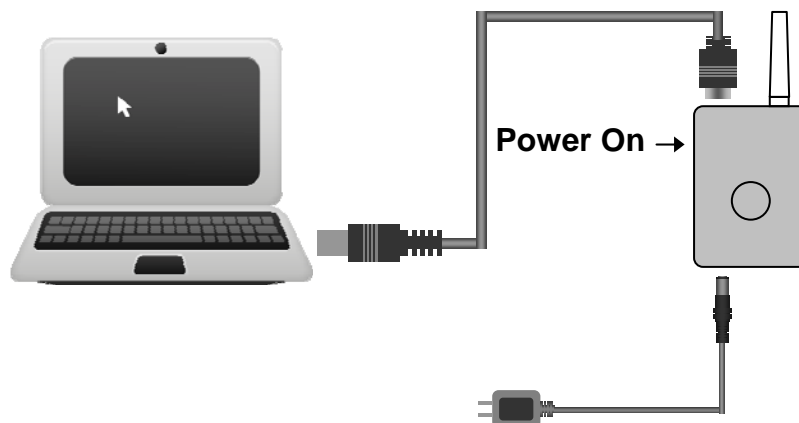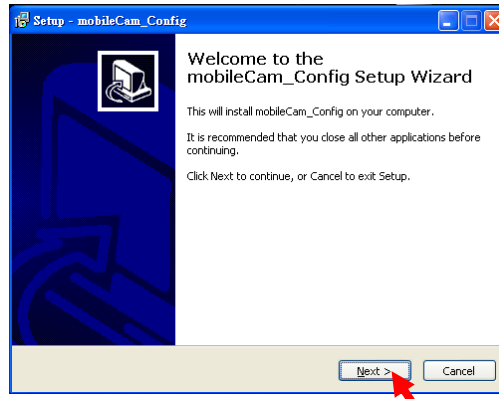

★ Please click "Cancel" when the dialog show as below on PC screen after mobileCam boot up.

2.2 Step 2. Software installation

★ Wait for the GM-GV3 blue led stop the blink. Run **MobileCam.exe**

Click "Next" icon to start the installation
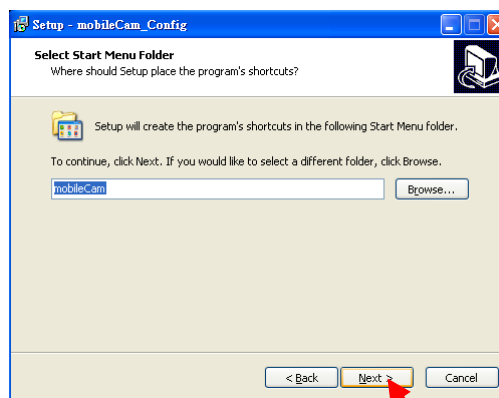
Please keep GM-GV3 connect to PC with USB cable and make sure PC connect to internet
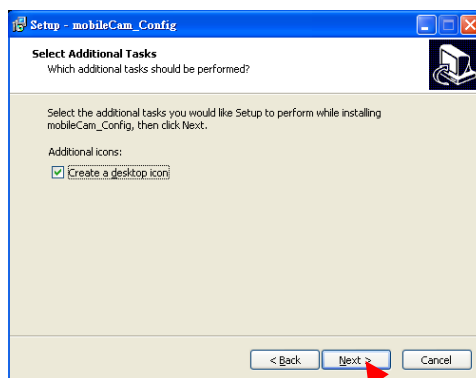

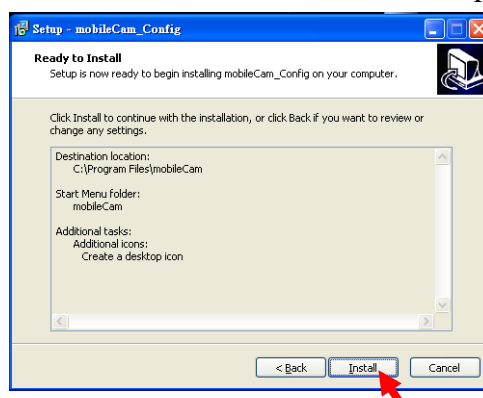★ Program folder path setup. Use default path or click "Browse" icon to change the path then click "Next" icon.
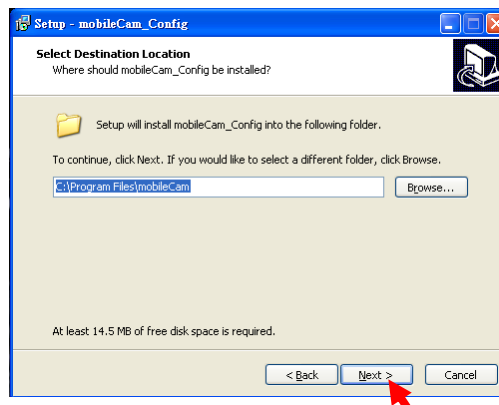
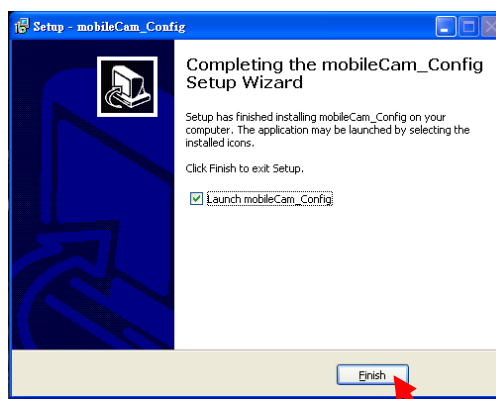★ Shortcut path setup. Use default path or click "Browse" icon to change the path then click "Next" icon.

★ Shortcut setup. Select create the windows desktop icon or not then click
the "Next" icon.

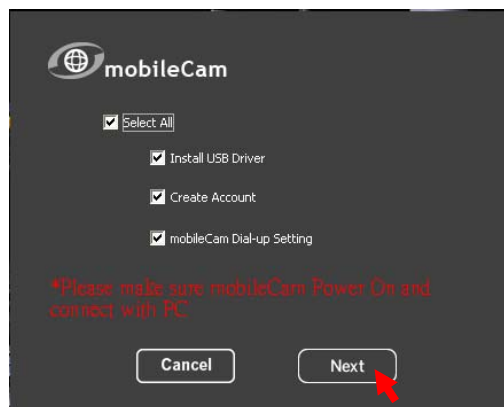★ Installation information. Click "Install" to start the program installation.

★ Click the "Finish" icon to end the program installation.

2.3 Step 3. Driver installation

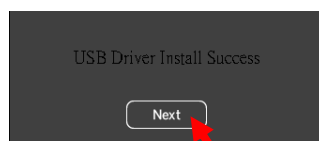★ Click the "Next" icon to start the mobileCam setup procedure.

★ Wait for driver installation .

★ Click the "Continue" icon .If screen comes out the dialog as show below.

★ Driver installation success. Click the "Next" icon to create the user account.

2.4 Step 4. Create user account.

★ Click "Confirm" icon after enter the information list on below

Username (5~15 characters). **Note**: upper and lower **case insensitive**

Password : (5~15 characters). **Note**: upper and lower **case sensitive**.

Confirm : Re-Enter the **password** for confirmation.

E-mail : Enter the e-mail address for forgot password remind.

★ If the "**Account Create Success**" message show on dialog. Enter the devices name for this mobileCam then click "Add" icon.
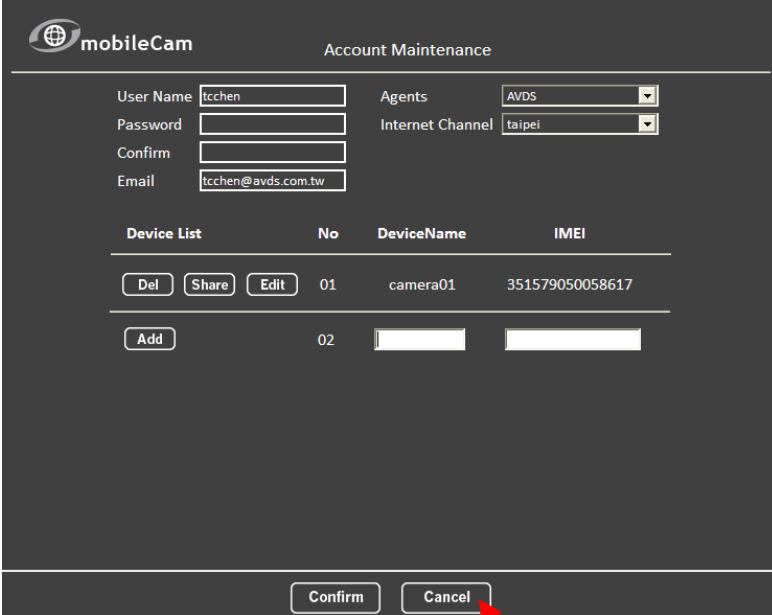
★ Dialog show the enter device name success. Click "Cancel" icon to Setup the mobileCam network.
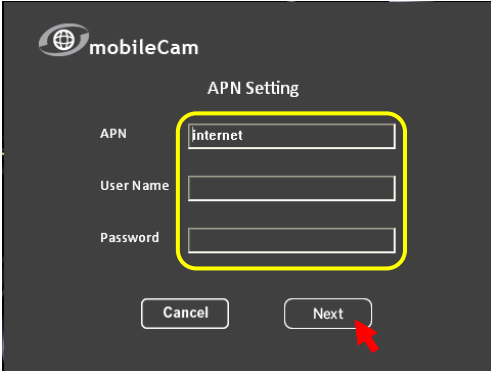
2.5 Step 5. Setup the mobileCam network.

★ Enter the **APN**, **username** (if need) and **password** (if need), provided by ISP provider, then click "Next" icon.
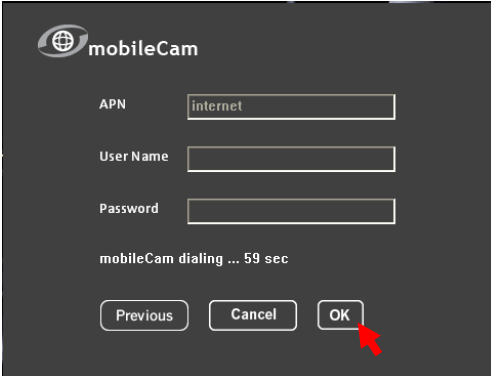

★ Wait for dialing up to mobile network.

★ If IP address assigned. mobileCam network connection success then click "OK" icon to launch the mobileCam Viewer program..
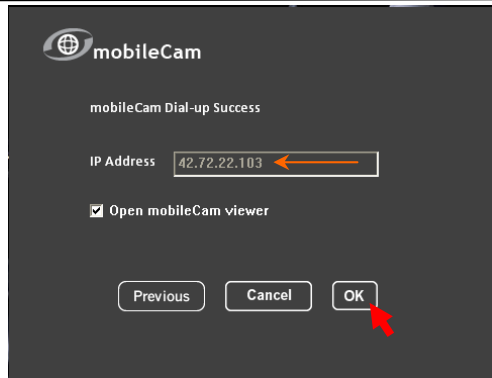
2.6 Step 6. View the online mobileCam

★ Enter the **username** & **password** that create in step 4 then click "Login" icon

★ mobileCam device status will show on list. Double clicks the online device to view mobile video.
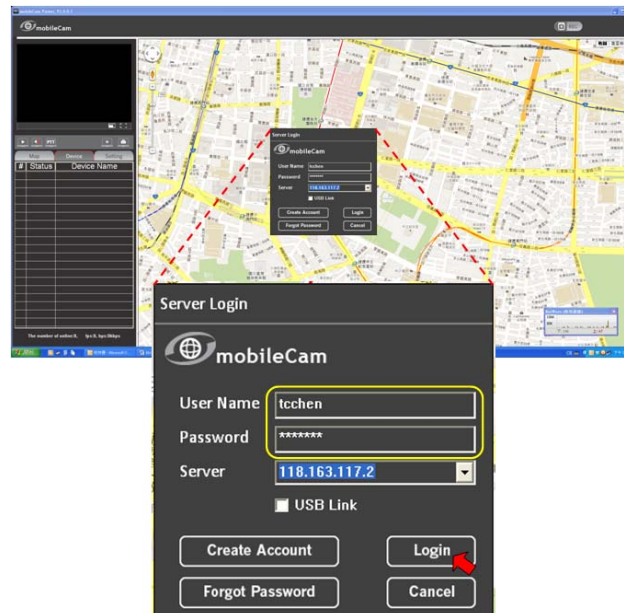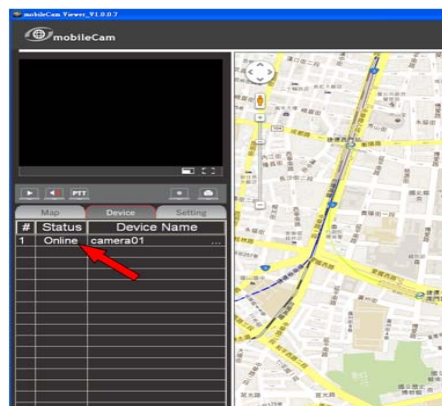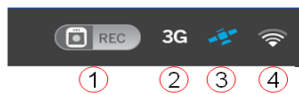
Chapter 3   mobileCam Viewer Overview

3.1 Icon and status bar for device (mobileCam) side

1. Remote mobileCam record icon.

   Click this icon can remote the mobilCam stop or start recording.

   [REC] mobileCam stop record.

   [REC] mobileCam recording.

2. Mobile network connection status

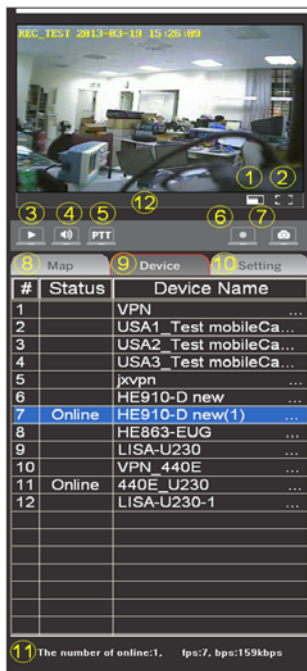   [G] GPRS   [E] EDGE   [3G] 3G/WCDMA   [H] HSPA/+

3. GPS status

   GPS not fixed   Cell locate   GPS fixed.

4. Mobile network signal strength

3.2 Icon and status bar for remote (PC) side.

1. Video display resolution.
   D1,CIF,QCIF
2. Full screen display.
3. Stop Video stream.
4. Mute the mobileCam audio.
5. Push to talk to the mobilCam.
6. Video stream record.
7. Snap the video.
8. Map display.
9. Device List.
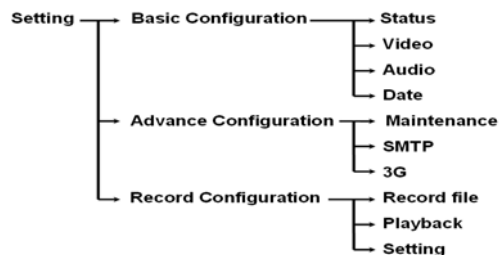10. Device setting.
11. Status display.
    online, frame rate,
    data receiving.
12. SOS display bar
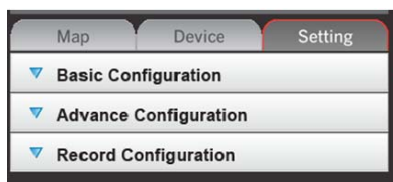   red bar display when
    device in SOS status.

3.3 Device Setting :
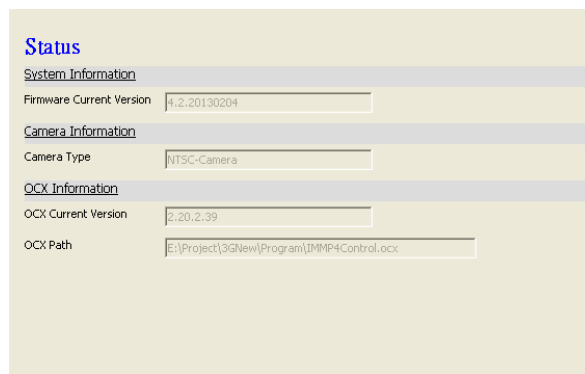
Click "**Setting**" icon

Note : Click "Save" after setting or "Reset" to restore the factory setting.
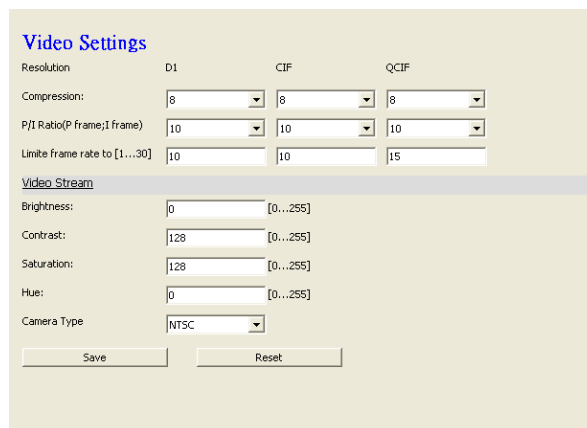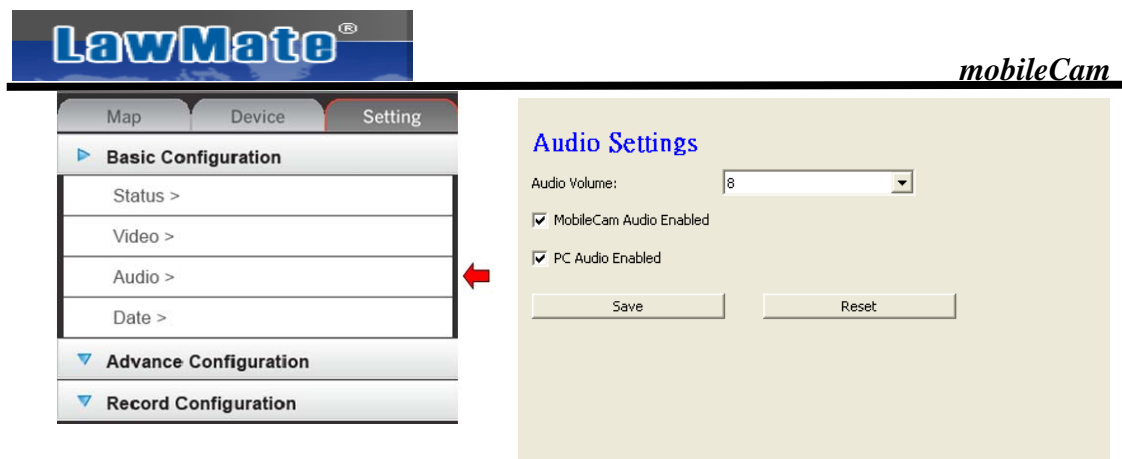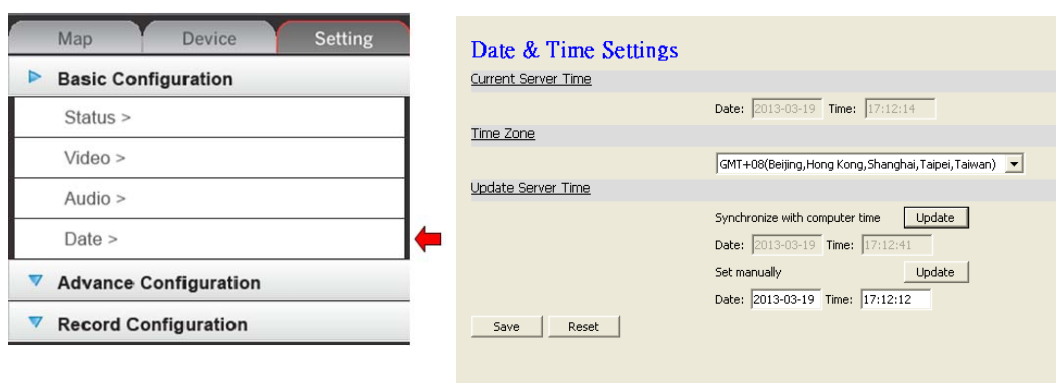
Basic Configuration

Status

Video Factory Default setting is optimized. Please don't change if you are not professional user.

Audio Factory Default setting is optimized. Please don't change if you are not professional user.

Date Please set the Time Zone to correct area

.

Advance Configuration
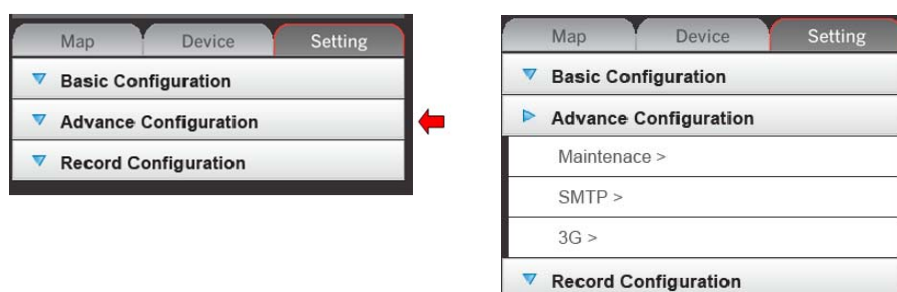
Maintenance

Restart : reset the GM-GV3

Default : reset and restore the factory default setting.

Firmware upgrade : **Use mobile network to update firmware will cause un-prediction unstable. Please use USB connection to update the firmware.**

SMTP

SMTP : Device will send turn on message.

Emergency SMS : Device will send emergency and turn on message..

3G

Mobile network setting : APN, User name & Password setting,

Server switch : Worldwide.

Region : select northern American if user in north American.

Record Configuration
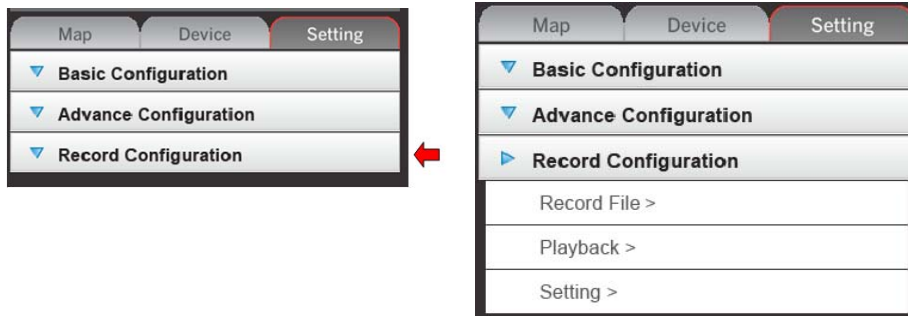
Record File :

Get Time List : Click "Get Time List". The record file store on SD card will list on window.

Get Record Clip : Click the start and stop time and modify the time region then click the "Get video clip" icon.. The clip file will list on File Name window after download completed.

Playback :Double click the downloaded filename to playback the video.
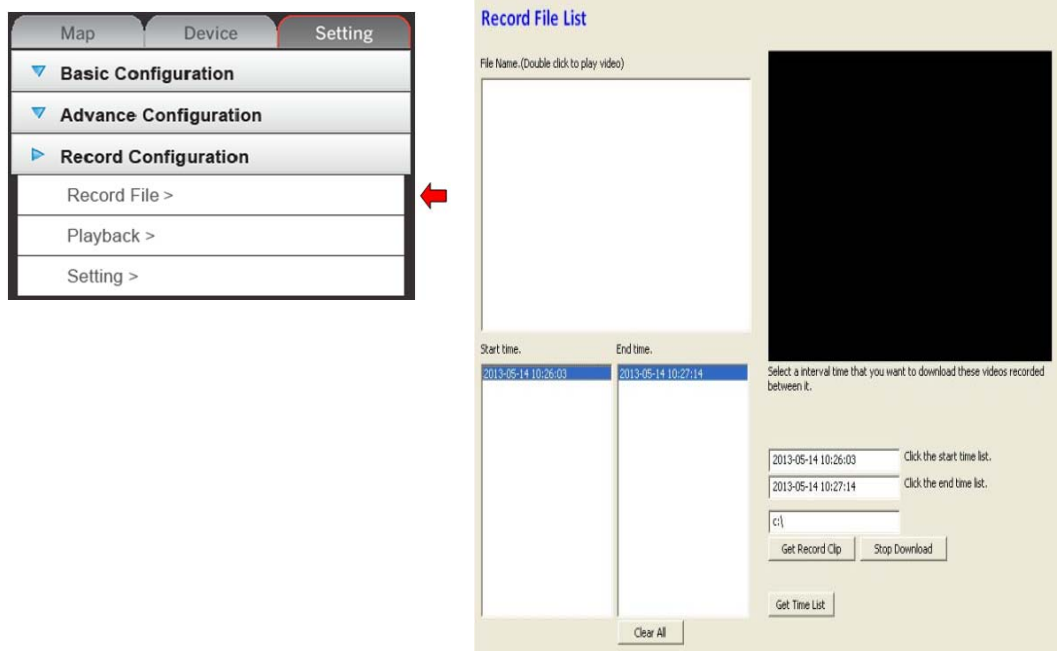
Playback

PlayBack : Click "Browse" to open the video file for Playing
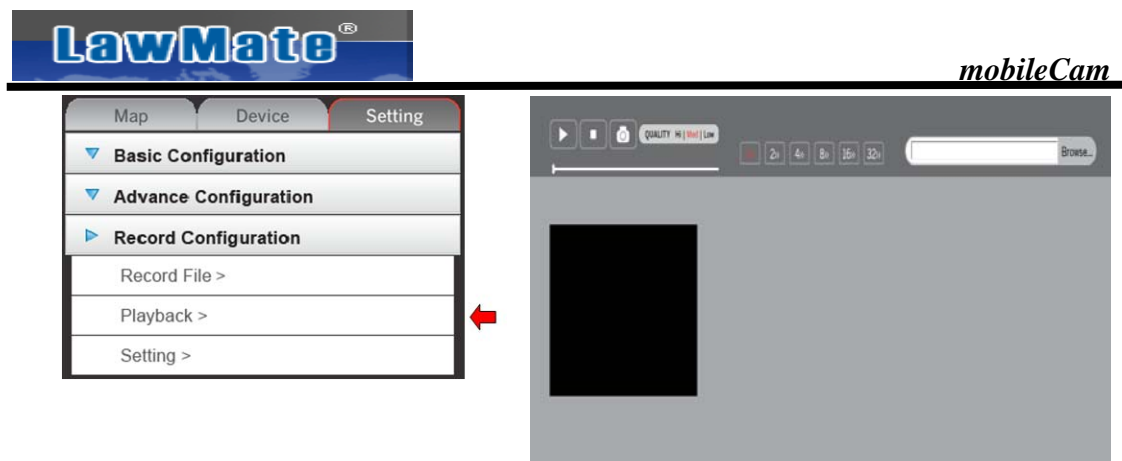
Setting

Device record setting : Frame record size,

OSD on/off,

Time Label on/off.

Watermark setting.

PC record setting : Snapshot file saving path

Record file saving path.
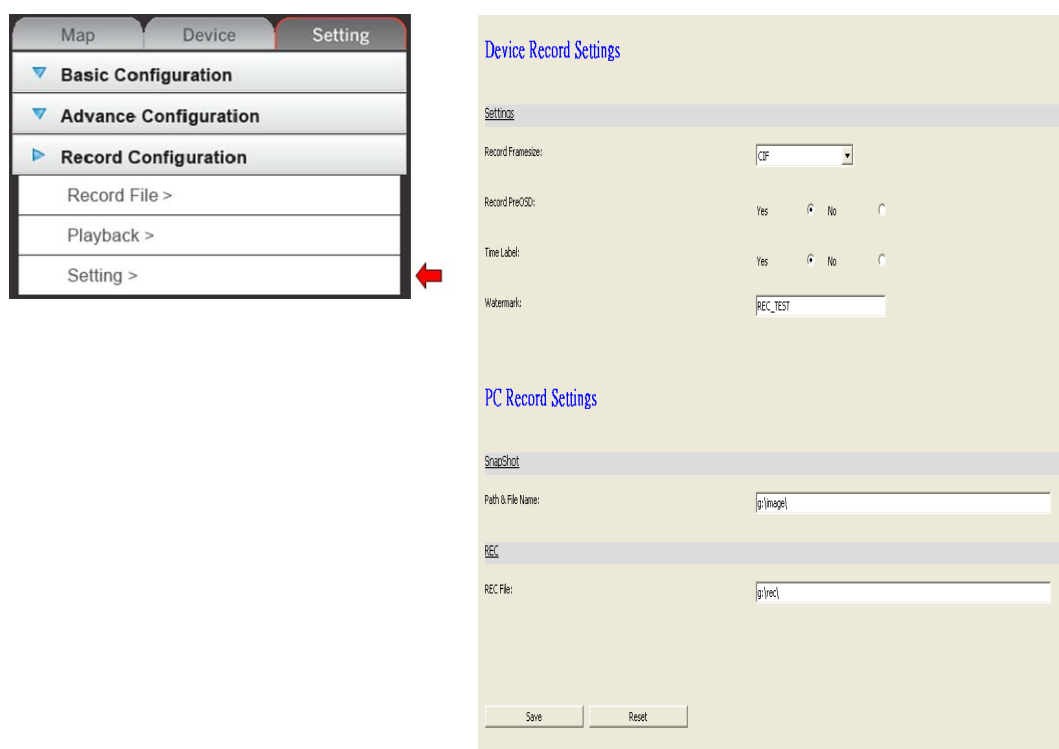
3.4 Device List

Click "**Device**" icon. All the device registration under account will be list.

Double click the **online** device to starting connection.

3.5 Map

Click the "**Map**" icon. Map will show on the right side of screen.
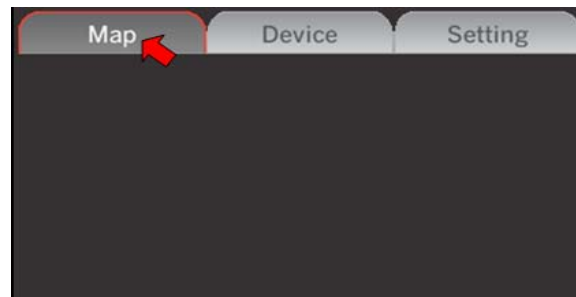
Chapter 4   Account maintenance

4.1 Forgot Password

Step 1. Run the mobileCam Viewer program

Step 2. Click the "**Forgot Password**" icon.
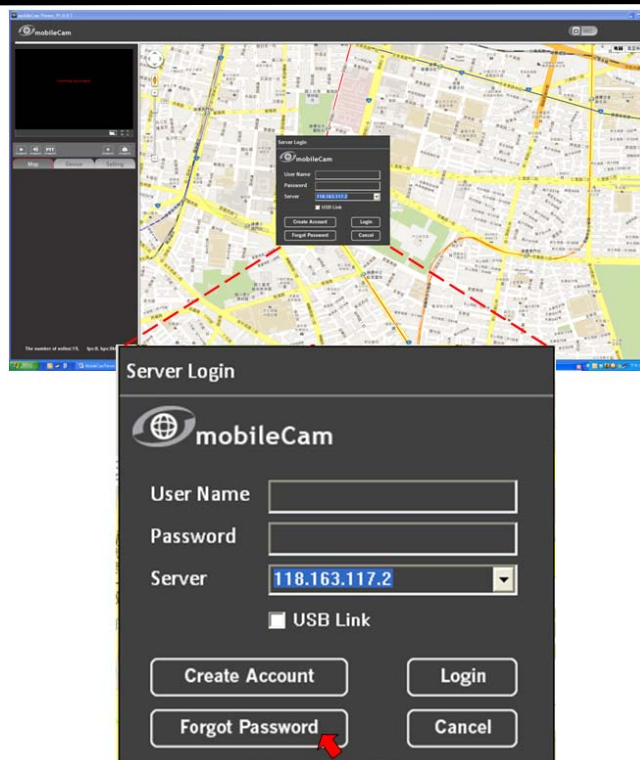
Step 3. Enter any one of device IMEI that you already add under your account and
e-mail then click "**OK**". System will send the password to your e-mail
automatically
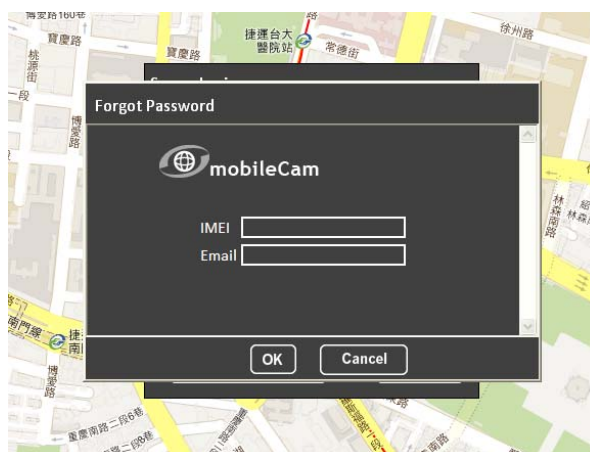
4.2 Change Password and e-mail

Step 1. Run the **mobileCam Viewer** program. Enter the **username** and **password** to
start the program.

Step 2. Click the "**mobileCam**" icon on the left top of the program then click
"**Account**" icon
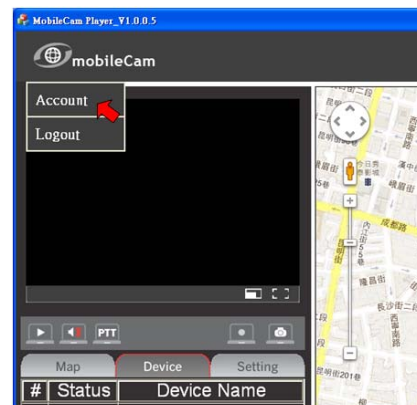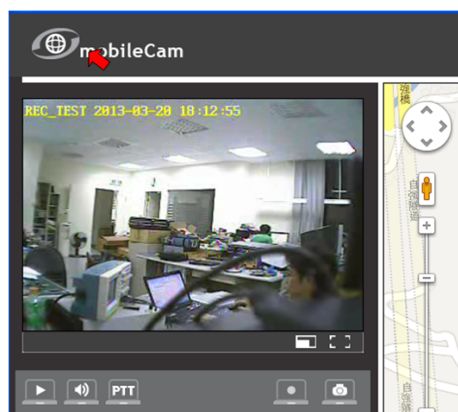
Step 3. Enter the **username** and **password** then click "**Login**" icon to login the account maintenance page.
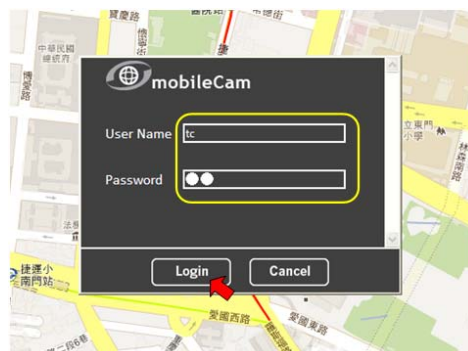
Step 4. Modify your **password** and **email** on the account maintenance page. then click the "**Confirm**" icon.   **Note: User Name can not be modified.**
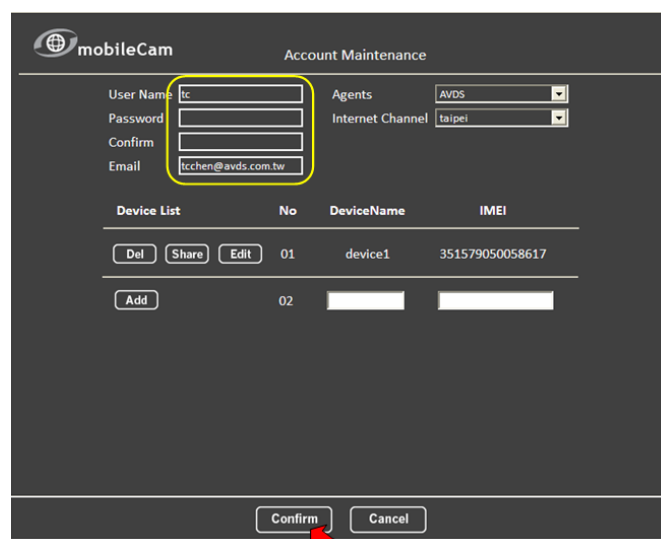
4.3 Add, rename, delete, or share device

Delete device: Click "**Del**" icon to delete the device.

Add device: Enter the **device name** and **IMEI** then click "**Add**" icom.
                    Note:

Rename device:

Step 1. Click the "**Edit**" icon. Program will show the dialog box as below graph.

Step2. Rename the **device name** then click "**Update**" icon.

Share device:

Step1. Click the '**Share**" icon. the dialog box will show as below.

Step2. Enter the **username** to whom you want to share this **mobileCam** then click
"**Add**" icon

.

4.4 Create account on mobileCam Viewer

make sure PC connect to internet

Step 1. Run the **mobileCam Viewer** program

Step 2. Click the "**Create Account**" icon

Step 3.

1. User Name : Enter **username** (1~15 characters).

           Note: upper and lower **case insensitive**

2. Password : Enter **password** (1~15 characters).

           Note: upper and lower **case sensitive**.

3. Confirm : Enter the **password** for confirmation.

4. E-mail : Enter the **email** address for forgot password remind.

5. IMEI : Enter **IMEI** number is printed on the bottom of **mobleCam** device.

Click "**Confirm**" icon to create account after entering all the information.

Chapter 5   Setup GM-GV3 with USB connection

5.1 Set up GM-GV3 with USB

Please keep GM-GV3 connect to PC with USB cable.

Step 1. Click "**USB Link**" icon

Step 1. Click "**OK**" icon
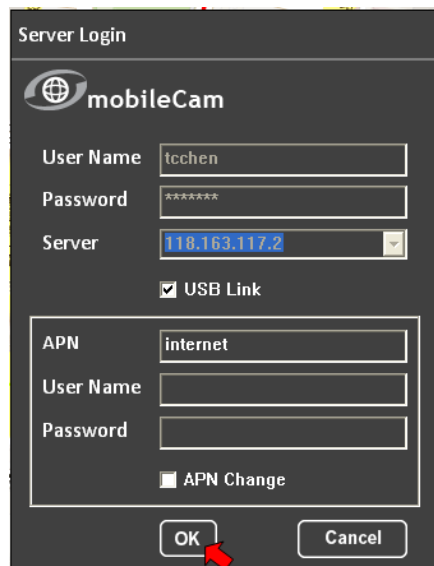
Step 3. Please refer 3.3 device setting to setup the GM-GV3
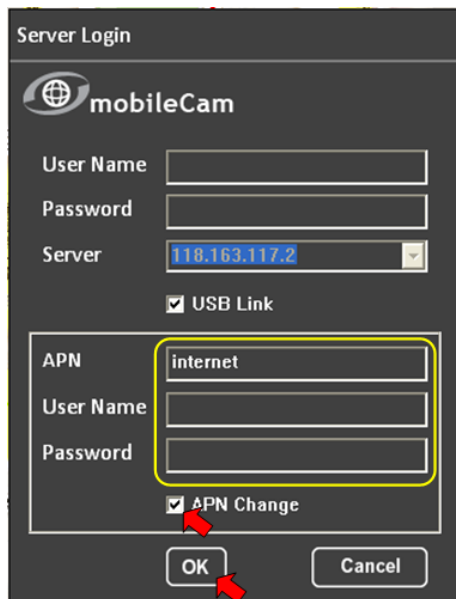
5.2 Quick Mobile network setup
Please keep GM-GV3 connect to PC with USB cable.

Step 1. Click "**USB Link**" icon

Step 3. Enter the **APN**, **User Name**, & **Password** and. click "APN Change" icon then click "OK" icon.

APN, **User Name**, & **Password provided by ISP (Internet Service Provider)**

GM-GV3 mobileCam Specification

6.1 GM-GV3 Specification

Item	Description	Min.	Typ.	Max.	Unit
DC in Voltage	DC	4.5	5	5.5	V
Operating Current	Full run		1.3		A
Operating Time	Continuous operation		1.5		hr
Battery Type	Lithium 2200 mAh		3.7		V
Antenna	5 band 800/900/1700/1900/2100				
Network	WCDMA 3.75G				
Network Speed	HSUPA HSDPA+		5.76 21		Mbps
Camera Power		4.8		5.5	V
Camera Current Limit				250	mA
Video Compression	MPEG 4				
Video in	Impedance 75 ohm		1	1.5	Vp-p
Audio in	Impedance 1K ohm			2	Vp-p
Memory Type	Micro SD			32	G
GPS Sensitivity	Tracking Acquisition		-165 -148		dBm
GPS fix time	Cold start Warm start Hot start (Autonomous)			35 34 1.5	Sec.
Camera input	Φ2.5 phone jack				
Control port	Mini HDMI				
Operating Temperature		0		50	℃
Storage Temperature		-40		80	℃
Operating Humidity		5		95	%
Dimension	L x W x H w/o Battery	89 x 53.5 x 15.6	mm		